

PATENT ABSTRACTS OF JAPAN

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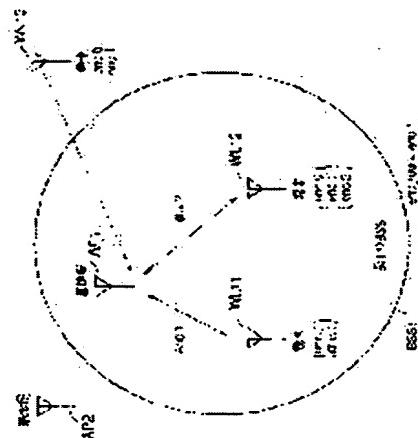
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(54) RADIO COMMUNICATION SYSTEM, RADIO COMMUNICATION APPARATUS, AND RADIO COMMUNICATION METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a radio communication apparatus which is capable of performing radio communication keeping the minimum security level by encryption predetermined by a communication group.

SOLUTION: In a communication system, a 1st radio communication apparatus belonging to the communication group, receives a connection request frame including a notice security level from a 2nd radio communication apparatus outside of the communication group. The 1st radio communication apparatus stores a proprietary reference security level of the radio communication group which is selected from security levels specified depending on a encryption method including non-encryption and its strength. The 1st radio communication apparatus generates a response frame which describes connection rejection to reject the connection to the 2nd radio communication apparatus or connection permission to permit the connection to the 2nd radio communication apparatus, comparing the notice security level and the reference security level, and transmits to the 2nd radio communication apparatus.



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